

Appendix B

Location/Correlated Physiological Function/Citation Chart

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| Location: | Correlated Physiological Function: | Citation |
|---|---|--|
| 1. gastrointestinal tract smooth muscle | 1. motility of stomach and intestines | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 157 and 728 (1996) |
| 2. gastrointestinal tract ganglionic nerve fibers | 2. motility of stomach and intestines | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 157 and 728 (1996). |
| 3. urinary tract smooth muscle | 3. ureter function and urinary bladder function | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 110 and 125 (1996) |
| 4. salivary gland | 4. salivary secretion | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 147 (1996) |
| 5. alpha cells of the pancreas | 5. secretion of glucagon | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1489 (1996) |
| 6. beta cells of the pancreas | 6. secretion of insulin | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1489 (1996) |
| 7. uterine smooth muscle | 7. uterine contraction | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 111 (1996) |
| 8. heart muscle | 8. contractility of heart muscle | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 223, 234, and 240-2 (1996) |
| 9. vascular smooth muscle | 9. contractility of smooth muscle | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 223, 234, and 240-2 (1996) |
| 10. adipocytes | 10. lipolysis | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 235 (1996) |
| 11. platelets | 11. platelet aggregation in response to blood vessel injury | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 125 and 1353-1354 (1996) |

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| 12. skeletal neuromuscular junction | 12. skeletal muscle contractility | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 169-170 and 172 (1996) |
| 13. bronchial smooth muscle | 13. respiration | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 110 and 125 (1996) |
| 14. nasal mucosal blood vessels | 14. mucosa volume | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 223 (1996) |
| 15. trigone muscle of bladder and urethra | 15. urinary outflow | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 230 (1996) |
| 16. chondrocytes | 16. cartilage formation | Harrison's, <u>Principles of Internal Medicine</u> , 13 th Edition, pages 1692-1694 (1994) |
| 17. ciliary body of the eye | 17. aqueous humor production | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 241 (1996) |
| 18. thyroid | 18. thyroid hormone secretion | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 241 and 1393-1401 (1996) |
| 19. mast cells | 19. immediate hypersensitivity reactions | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 583-592 (1996) |
| 20. basophils | 20. immediate hypersensitivity reactions | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 583-592 (1996) |
| 21. osteoblasts | 21. bone remodeling | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 596(1996) |
| 22. osteoclasts | 22. bone remodeling | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1538-1539 (1996) |

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| 23. brain capillary endothelial cells | 23. permeability of blood-brain barrier | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 597 (1996) |
| 24. T cells | 24. immune response | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 619 (1996) |
| 25. B cells | 25. immune response | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 619 (1996) |
| 26. kidney proximal tubular epithelial cells | 26. organic acids exchange | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 651 (1996) |
| 27. neutrophils | 27. immune response | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996) |
| 28. eosinophils | 28. immune response | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996) |
| 29. monocytes | 29. immune response | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996) |
| 30. kidney late distal tubule | 30. organic bases exchange | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 704-705, and 710-712 (1996) |
| 31. collecting duct principal cells | 31. organic bases exchange | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 704-705, and 710-712 (1996) |
| 32. kidney granular juxtaglomerular cells | 32. secretion of renin | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 746-754 (1996) |
| 33. peripheral postganglionic adrenergic neurons | 33. sympathetic function | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 790 (1996) |

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| 34. hepatocytes | 34. synthesis of cholesterol and lipoprotein | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 876-886 (1996) |
| 35. gastrointestinal parietal cells | 35. secretion of stomach acid | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 902-903 (1996) |
| 36. gastrointestinal superficial epithelial cells | 36. secretion of cytoprotective factors, mucus and bicarbonate | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 902-903 (1996) |
| 37. epidermal cells | 37. skin maintenance | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1243 (1996) |
| 38. bone marrow stem cells | 38. erythropoiesis production | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1311 (1996) |
| 39. angle structures of the eye | 39. aqueous humor outflow | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1623 and 1633 (1996) |
| 40. uveoscleral structures of eye | 40. aqueous humor outflow | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1623 and 1633 (1996) |
| 41. suprachiasmatic nucleus | 41. circadian rhythm | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 624-625 (1995) |
| 42. baroreceptors | 42. blood pressure | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 203 (1996) |
| 43. basal ganglia | 43. movement control | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 506-512, and 514 (1996) |
| 44. periaqueductal grey and dorsal horn of spinal cord | 44. nociception | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 529 (1996) |
| 45. area postrema | 45. vomiting | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 208-9 (1994) |

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| 46. thalamus | 46. sensorimotor processing and arousal | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 465 (1996) |
| 47. sensorimotor cerebral cortex | 47. sensorimotor processing | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 465 (1996) |
| 48. spinal cord motor neurons | 48. motor function control | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 516-517 (1996) |
| 49. dorsal root ganglion neurons | 49. sensory information transmission | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996) |
| 50. oligodendrocytes | 50. neuron myelin sheath production | Harrison's, <u>Principles of Internal Medicine</u> , 13 th Edition, page 2287 (1994) |
| 51. nucleus basalis | 51. cognition and memory | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, page 2271 (1994) |
| 52. nucleus accumbens | 52. addictive cravings | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 558 (1996) |
| 53. lateral reticular formation of medulla | 53. vomiting | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 928 (1996) |
| 54. hypothalamic neurons containing growth hormone releasing factor (GHRH) | 54. secretion of GHRH | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1367 (1996) |
| 55. hypothalamic neurons containing somatostatin | 55. secretion of somatostatin | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1657(1996) |
| 56. hypothalamic neurons containing thyrotropin-releasing hormone (TRH) | 56. secretion of TRH | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1370-1372 (1996) |
| 57. hypothalamic neurons containing gonadotropin releasing hormone (GnRH) | 57. secretion of GnRH | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380, and 1414-1416 (1996) |

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| 58. hypothalamic neurons containing corticotropin releasing factor (CRF) | 58. secretion of CRF | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1463 and 1479-1483 (1996) |
| 59. anterior pituitary somatotropes | 59. secretion of growth hormone | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1367 (1996) |
| 60. anterior pituitary lactotropes | 60. secretion of prolactin | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1370-1372 (1996) |
| 61. anterior pituitary gonadotropes | 61. secretion of luteinizing hormone | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380 (1996) |
| 62. anterior pituitary gonadotropes | 62. secretion of follicle stimulating hormone | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380 (1996) |
| 63. anterior pituitary corticotropes | 63. secretion of adrenocorticotropic hormone | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1640, and 1479-1483 (1996) |
| 64. leydig cells of the testes | 64. secretion of testosterone | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1374 (1996) |
| 65. sertoli cells of the testes | 65. spermatogenesis | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1374 (1996) |
| 66. granulosa cells of the ovary | 66. synthesis of estrogen | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1375-1380 (1996) |
| 67. theca cells of the ovary | 67. synthesis of estrogen | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1375-1380 (1996) |
| 68. synovium | 68. joint function | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 434, 1688-90 (1994) |

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| 69. amygdala | 69. modulation of emotion | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 607-612 (1995) |
| 70. pineal gland | 70. regulation of circadian rhythm | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 101, 250 (1996) |
| 71. nucleus of the solitary tract | 71. cardiovascular regulation | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pp. 415(1994) Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , pages 600, 602 (1995) |
| 72. caudal ventrolateral medulla | 72. cardiovascular regulation | Campos Junior, R. et al., <u>Braz.J.Med.Biol.Res.</u> , 27(10) pages 2467-2479 (1994) |
| 73. rostral ventrolateral medulla | 73. vasopressor activity | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 414 (1994) Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , page 602 (1995) |
| 74. parabrachial nucleus | 74. taste aversion response and nociceptive response | Scalera G. et al. <u>Behav. Neurosci.</u> , 109 (5) pages 997-1008; Allen G.V., et al., <u>Brain Res.</u> , 715(1-2) pages 125-135 (1996) |
| 75. entorhinal cortex | 75. cognition | Isaacson, R. <u>The Limbic System</u> , 2 nd Edition, pp. 40, 42 (1982). |
| 76. piriform cortex | 76. cognition | Roman, F. et al., <u>Brain Res.</u> , 418(2) pages 1081-1089 (1994) |
| 77. temporal cortex | 77. memory and higher order visual and auditory processing | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , pages 349-50, 354-5 (1995) |
| 78. prefrontal cortex | 78. motor planning and memory | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pp 348-53 (1995) |
| 79. parietal cortex | 79. visual acuity, touch perception, and voluntary movement | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 340-345, 349-50, 354 (1995) |

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| 80. occipital cortex | 80. visual acuity | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 349-350, 431-433 (1995) |
| 81. hippocampus | 81. learning and memory | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 657, 680 (1995) |
| 82. dentate gyrus | 82. learning and memory | Isaacson, R. <u>The Limbic System</u> , 2 nd Edition, pages 207-209 (1982) |
| 83. midbrain reticular formation | 83. arousal | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 140 (1982) |
| 84. supraoptic nucleus of the hypothalamus | 84. reproductive functions | Swanson, L. et al., <u>Handbook of Chemical Neuroanatomy</u> Vol. 5 <u>Integrated Systems of the CNS</u> , Part I page 11 (1987) |
| 85. magnocellular neurons of the hypothalamus | 85. modulation of stress, blood pressure and lactation | Swanson, L. et al., <u>Handbook of Chemical Neuroanatomy</u> Vol. 5 <u>Integrated Systems of the CNS</u> , Part I page 11 (1987) |
| 86. parvocellular neurons of the hypothalamus | 86. metabolism | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1463 (1996) |
| 87. arcuate nucleus of the hypothalamus | 87. release of pituitary hormones | Kandel, E. et al., <u>Principles of Neural Science</u> , 3 rd Edition pages 740-741 (1991) |
| 88. trigeminal area | 88. cerebral vessel dilation and blood pressure | Goadsby, P. et al., <u>J. Anat.</u> 190 (Pt3) pages 367-375 (1997); Goadsby, P. et al., <u>Brain Res.</u> , 751(2) pages 247-252 (1997) |
| 89. cerebral blood vessels | 89. cerebral blood flow | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pp. 2234, 2324 (1994); Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 251(1996) |

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| 90. brain stem | 90. breathing, heart rate, startle responses, sweating, blood pressure, digestion and body temperature | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 204-205 (1982) |
| 91. ventral lamina terminalis | 91. blood pressure | Johnson, AK, et al., <u>Clin. Exp Pharmacol Physiol.</u> , 23(2) pages 183-191 (1996) |
| 92. vagus nerve | 92. blood pressure and heart rate, bronchial function, digestion | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 208; (1982) Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 107 (1996) |
| 93. nucleus of the solitary tract | 93. blood pressure | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996) |
| 94. adrenal medulla | 94. catecholamine response to stress | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 107 (1996) |
| 95. adrenal cortex | 95. stress-induced corticosterone release | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1463 (1996) |
| 96. locus coeruleus | 96. arousal and response to stress | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 146-147 (1982); Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 283 (1996) |
| 97. substantia nigra | 97. control of body movement | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 508 (1996) |
| 98. ventral tegmental area | 98. control of body movement | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 626 (1995) |

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| 99. olfactory bulb | 99. odor perception | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 109-110 (1994) |
| 100. median eminence of hypothalamus | 100. pituitary function | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, p. page 1363 (1996) |
| 101. raphe nuclei | 101. sleep and arousal | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 255 (1996) |
| 102. habenula | 102. sexual activity | Medianos D. et al. <u>J. Comp. Physiol. Psychol.</u> , 89(3) page 231-7 (1975) |
| 103. cerebellum | 103. control of body movement | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 536, 538-544 (1995) |
| 104. posterior hypothalamus | 104. intestinal motility and blood pressure | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996) |
| 105. dorsal medulla | 105. blood pressure | Yardley, C. et al., <u>J. Auton. Nerv. Syst.</u> , 29(1) pages 1-11 (1989) |
| 106. lateral hypothalamus | 106. food intake and stomach acid secretion | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 220 (1996) |
| 107. rostral hypothalamus | 107. heart rate | Jones, D. et al., <u>Can. J. Physiol. Pharmacol.</u> 66(10) pages 1270-1277 (1988) |
| 108. pontine-medullary reticular formation | 108. respiration and heart rate | Long, S. et al., <u>Can. J. Physiol. Pharmacol.</u> 62(62) pages 161-182 (1984) |
| 109. medulla | 109. respiration and heart rate | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 106, 192 (1996) |
| 110. mesencephalon | 110. heart rate | Korte S. et al., <u>J. Auton. Nerv. Syst.</u> , 41(1-2) pages 157-176 (1992) |
| 111. ventral hypothalamus | 111. response to stress | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 285 (1996) |

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| 112. paraventricular nucleus of hypothalamus | 112. response to stress | Imaki T. et al., <u>Brain. Res.</u> <u>Mol. Brain. Res.</u> , 32(2) pages 261-270 (1995) |
| 113. preoptic area of hypothalamus | 113. sexual activity | Kandel, E. et al., <u>Principles of Neural Science</u> , 3 rd Edition, pages 968-969 (1991) |
| 114. mammillary region | 114. food intake | Brackenridge, et al., <u>Proc.Soc.Exptl.Biol.Med.</u> , 131 pages 934-935 (1969) |
| 115. perifornical area of hypothalamus | 115. food intake | Leibowitz, S. et al., <u>Brain. Res.</u> , 172(1) pages 101-113 (1979) |
| 116. ventromedial hypothalamus | 116. food intake | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 220 (1996) |
| 117. reticular formation | 117. arousal, wakefulness | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 138-142 (1982) |
| 118. septal nucleus | 118. emotional control | Poplawsky, A. et al., <u>Behav.Neural.Biol.</u> , 53(1) pages 133-139 (1990) |
| 119. pedunculopontine tegmental nucleus | 119. arousal | Reese, N. et al., <u>Prog.Neurobiol.</u> , 47(2) pages 105-133 (1995) |
| 120. astrocytes | 120. neuronal metabolism | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 28 (1995) |
| 121. microglia | 121. response to neuronal injury | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 47, 54 (1982) |
| 122. choroid plexus | 122. production of cerebrospinal fluid | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 28, 30, 96 (1982) |
| 123. Schwann cells | 123. myelination of peripheral nerves | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 28 (1995) |

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| 124. endoneurium | 124. production of connective tissue nerve sheath | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 263 (1982) |
| 125. lateral spinothalamic pathway | 125. response to pain and temperature stimuli | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116, 119-121 (1982) |
| 126. anterior (ventral) spinothalamic pathway | 126. touch sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116 (1982) |
| 127. dorsal column-medial lemniscal pathway | 127. touch sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116, 122-124 (1982) |
| 128. free nerve endings | 128. response to pain and temperature | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 129. hair follicle endings | 129. touch sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 130. Krause's end-bulb | 130. temperature sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 131. Meissner's corpuscles | 131. touch-pressure sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |

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| 132. Merkel's disk | 132. touch-pressure sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 133. Pacinian corpuscle | 133. touch-pressure sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 134. Ruffini's corpuscle | 134. temperature sensation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982) |
| 135. retina | 135. visual acuity | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 407-410 (1995) |
| 136. parathyroid gland | 136. calcium balance | Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 2145-2146 (1994) |
| 137. placenta | 137. placental activity | Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 11 (1996) |
| 138. skeletal muscle fibers | 138. muscle contraction | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 29, 506-10 (1995) |
| 139. copora cavernosum | 139. genital vasodilation | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 224 (1982) |
| 140. corticospinal tract | 140. movement control | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 496-7, 530 (1995) |
| 141. motor cerebral cortex | 141. movement control | Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 530-536 (1995) |

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| 142. postganglionic neurons | 142. control of blood pressure and adrenal activity | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 206 (1982) |
| 143. intramural ganglion | 143. distal colon peristalsis | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982) |
| 144. hypogastric plexus | 144. control of urethral and anal sphincters | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 209, 211 (1982) |
| 145. pelvic plexus | 145. genital vasodilatation and penile erection | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982) |
| 146. vesical plexus | 146. urinary bladder control | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982) |
| 147. celiac plexus | 147. intestinal peristolisis | Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 211 (1982) |